

Title (en)

RADIATION TARGET AND METHOD OF MANUFACTURING SAME

Title (de)

STRAHLUNGSZIEL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

CIBLE DE RAYONNEMENT ET SON PROCÉDÉ DE FABRICATION

Publication

**EP 2808884 A1 20141203 (EN)**

Application

**EP 12866569 A 20120123**

Priority

JP 2012051297 W 20120123

Abstract (en)

Provided are a radiation emission target and a radiation generating apparatus that reduce the variation in the output due to operation and temperature history by maintaining stable adhesion of the layered radiation target and achieve stable radiation emission characteristics. The radiation target includes a supporting substrate, a target layer that emits a radiation when irradiated with an electron beam, and an interlayer located between the supporting substrate and the target layer. The interlayer has a thickness of 1  $\mu\text{m}$  or less and contains titanium as a main component. At least part of the titanium shows the  $\alpha$ -phase at 400°C or less.

IPC 8 full level

**C22C 14/00** (2006.01); **H01J 35/08** (2006.01); **H01J 35/18** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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